INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

S-E-C-R-E-T

COUNTRY Hungary

REPORT [redacted] 25X1

SUBJECT [redacted] Precision Mechanics Institute, Budapest

DATE DISTR. 2 MAY 1957 25X1

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DATE OF INFO. [redacted]

REFERENCES 25X1

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE

[redacted]

[redacted] report with two sketches on the 25X1 Precision Mechanics Institute (Finommechanikai Vállalat) in Budapest. The report contains information on the labor force and on the production of radio sets (Duna, Drava, and Ipoly) and magneto-phones.

[redacted] 25X1

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25X1

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC						

(Note: Washington distribution indicated by "X"; Field distribution by "#".)

INFORMATION REPORT INFORMATION REPORT

HUNGARY

MILITARY/AIR/ECONOMIC

Radar Equipment Manufactured by the FINOMECHANIKAI VALLALAT

1. The FINOMECHANIKAI VALLALAT, BUDAPEST, FEHER Ut. 10, manufactured radar equipment for the Hungarian Army. The factory employed about 600 workers. Prior to the October revolution, there was one permanent Russian adviser attached to the factory, but after the revolution a Russian officer was placed in charge of the factory.

2. The three types of radar set were:

   a. DUNA

   b. DRAVA

   c. IPOLY.

3. Production of the DUNA type set ceased in 1955. It is believed that 11 DRAVA sets were constructed in 1956, 3 of which were delivered to the Hungarian Army, 4 were taken by the Russians, and 4 were still in the factory for minor adjustment. The planned production of DRAVA sets was 24 per year.

4. During the latter half of 1956, the Russian authorities supplied blue prints and instructions for the manufacture of an improved version of the DRAVA, namely the IPOLY. The principal differences were that the overall dimensions of the IPOLY truck and chassis were 40-50 cms. less; the scanner was about 25 cms. less in diameter; the scanner mounting was about 25 cms. shorter. The electrical instruments were believed to be the same in both sets.

5. A complete IPOLY had not been constructed by November 1956 and details of manufacture were still being decided by the technicians. According to a conversation between Hungarian technicians at the factory, the IPOLY was already regarded as out of date by the Russians, who however refused to allow the Hungarians to experiment with their own ideas and methods.

.../...

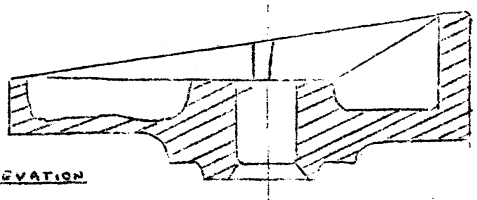
6. The scanner on the IPOLY was mounted on an aluminium support, and could be lowered into the truck (as could the scanner on the DRAVA). It is believed that the authorities intended that when the IPOLY was in use in the field, that the truck and Aggregator should be completely dug in, with only the scanner above ground level.

7. The base mounting of the scanner, and also the universal joint mounting immediately below the scanner were made of an aluminium, silicate, magnesium alloy. The scanner was perforated over its entire surface.

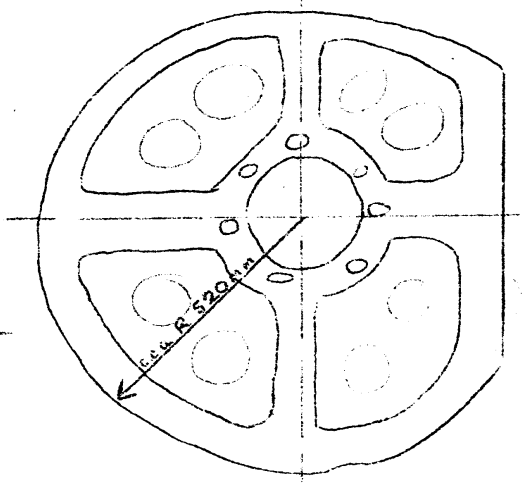
8. The factory also produced about 1,000 magnetophones per month for commercial use.

SCANNER MOUNTING — A

Al Si Mg = ALUMINIUM SILICATE MAGNESIUM ALLOY

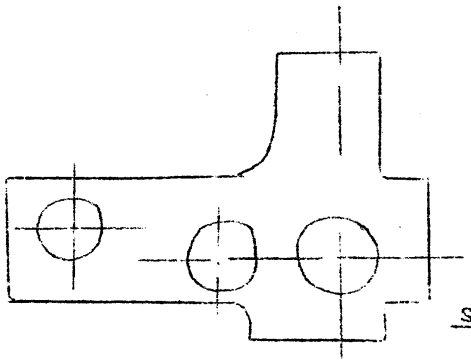


SIDE ELEVATION



TOP VIEW

BASE MOUNTING IN TRUCK — B



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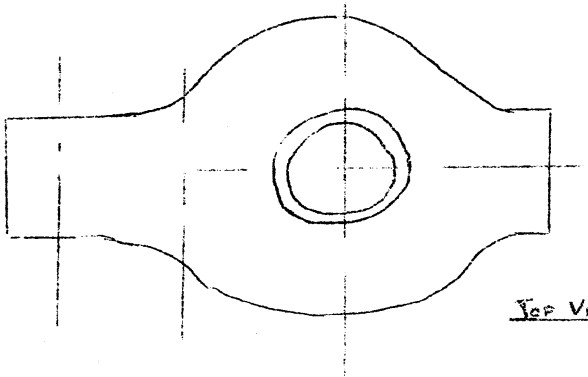

TOP VIEW

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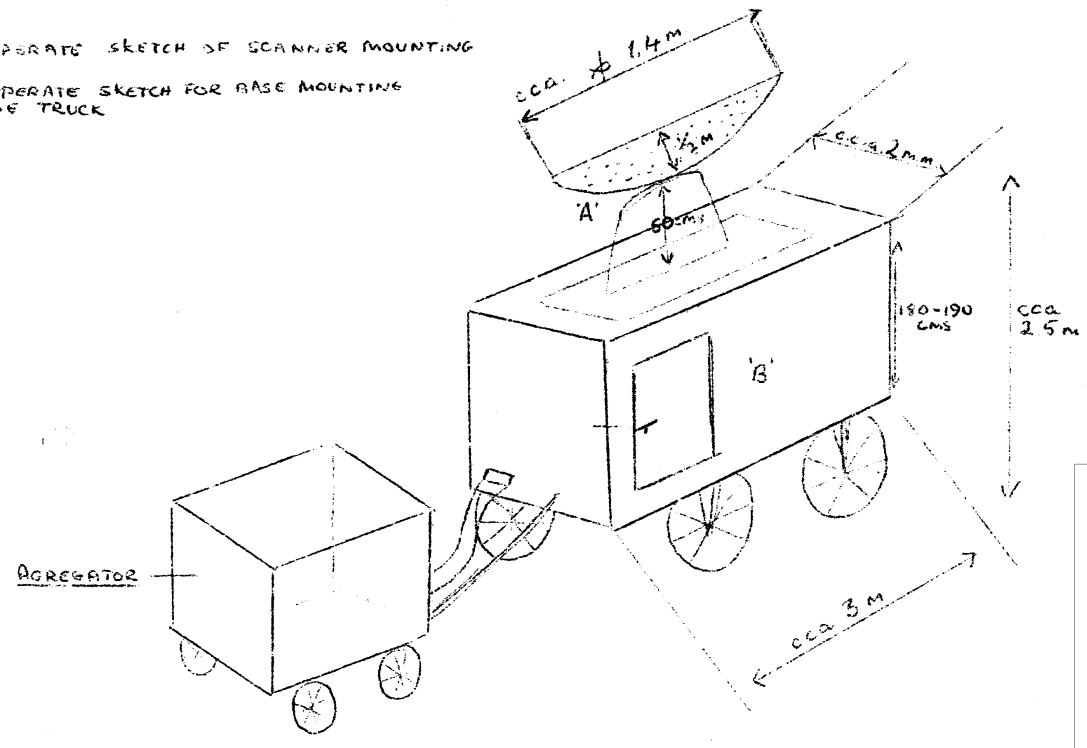
IPOLY

A = See separate sketch of scanner mounting

B = See separate sketch for base mounting inside truck



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